ABSTRACT OF THE DISCLOSURE

A shaft-hub connection between one shaft segment comprises one central toothed segment, the same as adjacent centering segments and one stepped hole in a hub, in which the shaft and the hub are jointed in axial direction and by the toothed shaft segment a positive fit is formed with the hub, in which the front centering segment, lying in joint direction, has a diameter d1 and the toothed shaft segment, the same as the rear centering segment lying in joint direction, has a diameter d2 larger than d1. It is proposed that the hole has only two adjacent segments I, II of different diameters D1 and D2, that the diameter d1 in the centering segment with the diameter D1, the same as the diameter d1 in the centering segment with the diameter D2, form a respective joint fit and the diameter d2 in the area with the diameter D1 forms the positive fit.